

Japanese version

Most forage crops are grasses and legumes. As there are many species of these crop plants, it is characteristic that many kinds of diseases occur on them. We have researched the diseases of forage crops for many years in the plant disease laboratory of NGRI. Now, informations and photographs of the symptoms and causal agents of forage crop diseases are available on the the internet.

When you retrieve from the list of plant names or pathogen names, you will find photographs and explanations of each disease. This time, we add the other items of forage crop diseases and encyclopaedia of fungi. (1998.3.30)

- Retrieval by disease names
- Retrieval by pathogen names



• LINK

Please excuse any imperfections in the English explanations as the translation is made by a machine.

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Please click on the plant name.

Forage crops

- Corn(Zea mays L.)
- Sorghum(Sorghum bicolor Moench)
- Pearl millet(Pennisetum americanum (L.) Leeke)
- Teosint (Euchlaena mexicana Schrad.)
- Oat(Avena sativa L.)
- Rye(Secale cereale L.)

Grasses

- Orchardgrass(Dactylis glomerata L.)
- Ryegrass(Lolium spp.)
- Fescue(Festuca spp.)
- Timothy(*Phleum pratense* L.)
- Redtop(Agrostis gigantea Roth)
- Reed canarygrass(Phalaris arundinacea L.)
- Sweet vernalgrass(Anthoxanthum odoratum L.)
- Bromegrass(Bromus sp.)
- Lovegrass(Eragrostis sp.)
- Velvetgrass(Holcus lanatus L.)
- Bluestem(*Bothriochloa* sp.)
- Rhodesgrass(Chloris gayana Kunth)
- Kikuyugrass(Pennisetum clandestinum Hochst. ex Chiov.)
- Fall panicum(Panicum dichotomiflorum Michx.)
- Bluepanic(Panicum antidiotale Retz.)
- Greenpanic(Panicum maximum Jacq. var. trichoglume Erlas)
- Switchgrass(Panicum virgatum L.)
- Paspalum(*Paspalum* spp.)
- African millet(Eleusine coracana Gaertn.)
- St. Augustine grass(Stenotaphrum secundatum (Walt.)O.Kunze)
- Carpetgrass(Axonopus affinus Chase.)
- Giant-star-grass(Cynodon pletostachyrus)
- Paragrass(Brachiaria mutica (Forsk.) Stapf)
- Pangolagrass(Digitaria decumbens Stent)
- Centipedograss(Eremochloa ophiuroides (Munro)Hack.)

Turf grass

- Bluegrass(*Poa* spp.)
- Bentgrass(Agrostis spp.)
- Zoysia grass(Zoysia japonica Steud.)
- Bermudagrass(Cynodon dactylon (L.) Pers.)

Legumes

- Alfalfa(Medicago sativa L.)
- Red clover(*Trifolium pratense* L.)
- White clover(Trifolium repens L.)
- Crimson clover(Trifolium incarnatum L.)
- Alsike clover(*Trifolium hybridum* L.)
- Subterranean clover(Trifolium subterraneum L.)
- Strawberry clover(*Trifolium fragiferum* L.)
- Sweet clover(*Melilotus* sp.)
- Common vetch(Vicia sativa L.)
- Hairy vetch(Vicia villosa Roth)
- Trefoil(Lotus spp.)
- Chinese milk vetch(Astragalus sinicus L.)

Cereals

- Foxtail millet(Setaria italica Beauv.)
- Barnyard millet(Echinochloa crus-galli P.Beauv. var. frumentacea Wight)
- Millet(Panicum miliaceum L.)
- Job's tear(Coix lachryma-jobi L. var. ma-yuen (Roman.) Stapf)
- Adley(Coix lachryma-jobi L.)

Gramineous weeds

Oryzeae

- Ashi-kaki(Leersia japonica Makino)
- Vegetable wild rice(Zizania latifolia (Griseb.) Turcz. ex Stapf)

Poideae

• Big quaking-grass(Briza maxima L.)

Aveneae

- Orange fox-tail(Alopecurus aequalis Sobol. var. amurensis (Komar.) Ohwi)
- American sloughgrass(Beckmannia syzigachne (Steud.) Fern.)

Arundineae

• Common reed(Phragmite communis Trinius)

Eragrostideae

- <u>Ito-azegaya(Leptochloa panicea (Retz.) Ohwi)</u>
- Kaze-kusa(*Eragrostis ferruginea* (Thunb.) Beauv.)
- Goosegrass(Eleusine indica (L.) Gaeren.)
- Smutgrass(Sporobolus fereilis (Steud.) W.Clayton)

Cynodonteae



• Shima-hige-shiba(Chloris barbata Swartz)

Paniceae

- Chijimi-zasa(Oplimenus undulatifolius (Ard.) Roem. et Schult.)
- Barnyard grass(Echinochloa crus-galli (L.) Beauv.)
- Green bristlegrass(Setaria viridis (L.) Beauv.)
- Southern crab-grass(Digitaria ciliaris (Retz.) Koel.)
- Violet crab-grass(Digitaria violascens Link.)
- Chikara-shiba(Pennisetum alopecuroides (L.) Speng.)

Andropogoneae

- Euly(Miscanthus sinensis Andress.)
- Cogon grass(Imperata cylindrica L. var. koenigii (Retz.) Pilger in Perk.)
- Ashi-boso(Microstegium vimineum (Trin.) A.Camus)
- Okinawa-michishiba(Chrysopogon aciculatus Trin.)
- Greek grass(Arthraxon hispidus (Thunb.) Makino)

Other weeds

- Knotweed(Polygonum thunbergii Sieb. et Zunc.)
- Buttercup(Ranunculus acris L. var. japonicus Maxim.)
- Bushclover(Lespedeza bicolor Turcz. var. japonica Nakai)
- Plantain(Plantago asitica L.)
- Golden rod(Solidago altissima L.)
- Mugwort(Artemisia vulgaris L. var. indica Maxim.)
- Asiatic dayflower(Commelina communis L.)